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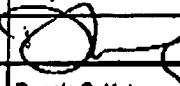
PTO/SB/21 (08-04)

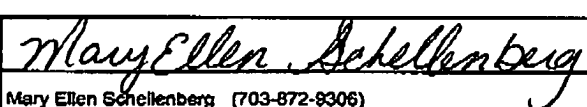
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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/827,818 |
| | Filing Date | July 28, 2003 |
| | First Named Inventor | Melvin C. Maki |
| | Art Unit | 2632 |
| | Examiner Name | Unknown |
| | Attorney Docket Number | 0145P33US01 |
| Total Number of Pages in This Submission | | 30 |

| ENCLOSURES (Check all that apply) | | |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks The Commissioner is hereby authorized to debit any underpayment or credit any overpayment to the USPTO deposit account no. 16-0600 should any additional fees be necessary. | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
|--|---|-----------------|
| Firm Name | Shapiro Cohen | |
| Signature |  | |
| Printed name | Dennis S. K. Leung | |
| Date | November 12, 2004 | Reg. No. 47,325 |

| CERTIFICATE OF TRANSMISSION/MAILING | | |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: | | |
| Signature |  | |
| Typed or printed name | Mary Ellen Schellenberg (703-872-8306) | Date November 12, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Our File : 0145P33US01
Application No. : 10/627,618
Filed : July 28, 2003
Title : AN INTEGRATED SENSOR CABLE FOR RANGING
APPLICANT : Melvin C. MAKI
Art Unit : 2632

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November 12, 2004

INFORMATION DISCLOSURE STATEMENT
Under 37 C.F.R. 1.97

Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Amendment
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202
U.S.A.

Sir:

Under the provisions of 37 C.F.R. 1.97, including particularly subsections (a) and (e) thereof, and 37 C.F.R. 1.98 including specifically subsection (a) thereof, Applicant calls to the attention of the Examiner the following documents, copies of non US patent citations are enclosed:

U.S Patent Documents

| | | |
|----|-----------|--------------------------|
| AA | 2,787,784 | Harold T. MERYMAN et al. |
| AB | 3,316,620 | Lawrence Lee STEWART |
| AC | 3,763,482 | Charles F. BURNEY et al. |
| AD | 3,846,780 | Heinz GILCHER |
| AE | 5,446,446 | R. Keith HARMAN |
| AF | 5,448,222 | R. Keith HARMAN |
| AG | 5,705,984 | Douglas H. WILSON |
| AH | 6,577,236 | Robert Keith HARMAN |

NON-PATENT LITERATURE DOCUMENTS

BA *Dielectric Absorption Blocks versus Electret Blocks,*
URL:

IDS dated November 12, 2004
Our File 0145P33US01

<http://www.fortunecity.com/greenfield/bp/16/electrets.htm>

BB *Electrostatics And Its Applications*, Electrical and
Computer Engineering Department, University of Michigan,
Ann Arbor, A Wiley-Interscience Publication, 1973.

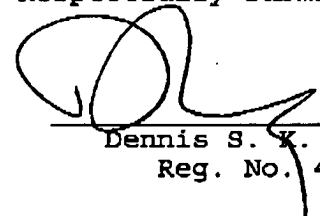
BC Ryne C. ALLEN, *Triboelectric Generation: Getting
Charged*, Desco Industries, Inc. (DII), Employee Owned,
December 2000.

URL: <http://www.esdsystems.com>

Applicant respectfully requests that these references be entered into the record of this application. The Examiner is requested to initial the appropriate area on the enclosed copies of PTO/SB/08A and PTO/SB/08B thereby indicating consideration by the Examiner of each of these references.

Applicant respectfully submits that the present claims are patentable over the references identified herein, and requests timely and favourable examination of this application.

Respectfully submitted,



Dennis S. K. Leung
Reg. No. 47 325

SHAPIRO COHEN
P.O. Box 3440, Station "D"
Ottawa, ON K1P 6P1
CANADA

Tel.: (613) 232-5300

/DSKL/NR/ms
Enclosures

PTO/SB/08A (08-03)

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(Use as many sheets as necessary)

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| Sheet | 1 | of | 2 |
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Complete if Known

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|------------------------|----------------|
| Application Number | 10/627,618 |
| Filing Date | July 28, 2003 |
| First Named Inventor | Melvin C. MAKI |
| Art Unit | 2632 |
| Examiner Name | Unknown |
| Attorney Docket Number | 0145P33US01 |

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

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| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| Application Number | 10/627,618 |
| Filing Date | July 28, 2003 |
| First Named Inventor | Melvin C. MAKI |
| Art Unit | 2632 |
| Examiner Name | Unknown |
| Attorney Docket Number | 0145P33US01 |

Sheet

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of

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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | BA | Dielectric Absorption Blocks versus Electret Blocks, URL: http://www.fortunecity.com/greenfield/bp/16/electrets.htm | |
| | BB | Electrostatics And Its Applications, Electrical and Computer Engineering Department, University of Michigan, Ann Arbor, A Wiley-Interscience Publication, 1973. | |
| | BC | Ryne C. ALLEN, Triboelectric Generation: Getting Charged, Desco Industries, Inc. (DI), Employee Owned, December 2000. URL: http://www.esdsystems.com | |
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